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37	A	B	C	D	E
38	A	B	C	D	E
39	A	B	C	D	E

PRACTICE QUESTIONS

State of Qatar Department of Healthcare Professions (DHP) Ministry of Public Health (MOPH)

DLT

Dental Lab Technician

Uploaded by Community A

EDITION

Original Demo

QUESTIONS

6

ISSUED

October 14, 2026

Before you begin

What this is

6 practice questions for State of Qatar Department of Healthcare Professions (DHP) Ministry of Public Health (MOPH) **DLT**, each with its answer key and an explanation. Answer a question before you read its key - the explanation is worth more once you have committed.

If something looks wrong

Send us three things and we will check it:

- the exam code, **DLT**
- the question number
- the email address on your order

Write to **support@mometrix.net**. We reply within one business day.

Licence

Free Mometrix practice demo. The complete question bank is available through a paid account.

QUESTION 1

MULTIPLE CHOICE

Which of the following are objectives the technician and dentist aim to achieve when establishing proper occlusion during complete denture fabrication? (Choose two.)

- ☒ **A** Balanced occlusal contacts that stabilize the denture bases during function
- ☒ **B** Even distribution of occlusal forces across the denture-bearing tissues
- ☐ **C** Maximizing the height of the wax rims regardless of the patient's facial proportions
- ☐ **D** Eliminating all posterior teeth to reduce the risk of denture tipping

ANSWER A • B

WHY Proper occlusion in complete dentures aims for balanced contacts that stabilize the bases and even distribution of forces over the supporting tissues, which helps prevent tipping, sore spots, and loss of retention. Arbitrary rim height or removing posterior teeth are not legitimate objectives.

QUESTION 2

SINGLE CHOICE

What is the primary purpose of the posterior palatal seal (post-dam) area on a maxillary complete denture?

- ☒ **A** To improve retention by creating a seal that resists air entry between the denture base and the palate
- ☐ **B** To reduce the overall weight of the denture
- ☐ **C** To increase the vertical dimension of occlusion
- ☐ **D** To provide additional retention for the anterior teeth

ANSWER A

WHY The posterior palatal seal is a slight compression of soft tissue at the posterior border of the denture that helps maintain a peripheral seal, improving retention by preventing air from breaking the seal under the denture base.

QUESTION 3 SINGLE CHOICE

Which component of a removable orthodontic retainer, such as a Hawley appliance, is primarily responsible for holding the appliance in place on the teeth?

- ☒ **A** The labial bow and clasps
- ☐ **B** The acrylic baseplate alone
- ☐ **C** The expansion screw
- ☐ **D** The occlusal rest

ANSWER A

WHY The labial bow and clasps (such as Adams clasps) engage the teeth to retain the appliance in position; the baseplate provides support but not primary retention.

QUESTION 4 SINGLE CHOICE

What is the primary difference between Type III (dental stone) and Type IV (die stone) gypsum products?

- ☒ **A** Type IV has higher compressive strength and lower setting expansion, making it suitable for dies
- ☐ **B** Type III is used only for investment casting while Type IV is used only for impressions
- ☐ **C** Type IV sets faster but has significantly lower hardness than Type III
- ☐ **D** Type III contains synthetic gypsum while Type IV is made from natural gypsum rock

ANSWER A

WHY Type IV die stone has denser, more regular particles giving it higher compressive strength and lower setting expansion than Type III, making it ideal for master dies requiring dimensional accuracy.

QUESTION 5

SINGLE CHOICE

In a removable partial denture, what is the primary function of a rest, such as an occlusal or cingulum rest, placed on an abutment tooth?

- ☒ **A To provide vertical support and direct occlusal forces along the long axis of the abutment tooth**
- ☐ B To connect the two sides of the arch across the palate
- ☐ C To retain denture teeth in the acrylic base
- ☐ D To provide indirect retention only on anterior teeth

ANSWER A

WHY A rest transmits functional occlusal forces vertically through the abutment tooth, preventing the framework from settling into soft tissue and preserving periodontal health.

QUESTION 6

SINGLE CHOICE

An irreversible hydrocolloid impression material (alginate) should be poured with gypsum stone within which time frame to minimize dimensional change from syneresis and imbibition?

- ☒ **A Within 10-15 minutes**
- ☐ B Within 24 hours
- ☐ C After 48 hours of air drying
- ☐ D Immediately, before setting is complete

ANSWER A

WHY Alginate impressions are dimensionally unstable and should be poured within 10-15 minutes of removal from the mouth to reduce distortion caused by water loss (syneresis) or water uptake (imbibition).